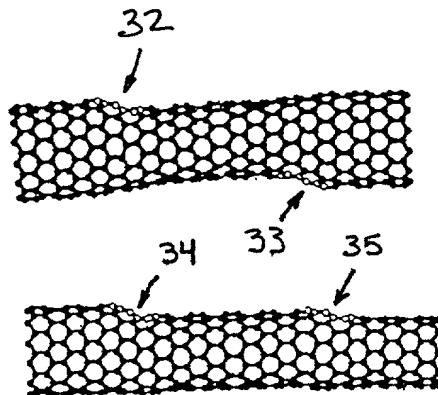
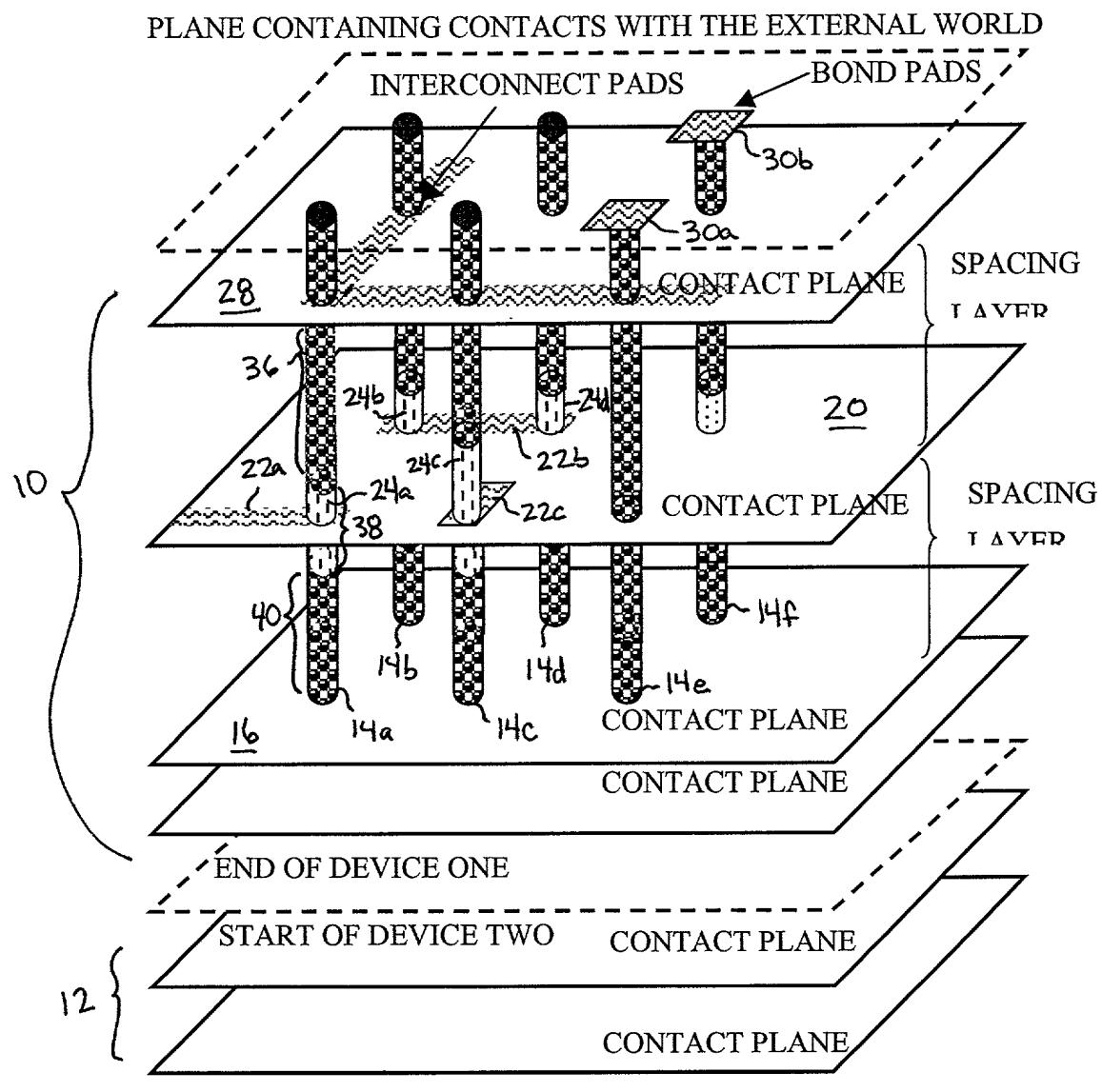


**Figure 1**





	CONDUCTIVE CARBON NANOTUBE		NON-CONDUCTIVE CARBON NANOTUBE
	SEMICONDUCTIVE CARBON NANOTUBE		METALLIC INTERCONNECTS

Figure 2

## FABRICATION/SYNTHESIS PROCESSES AND DESIGN ARCHITECTURE

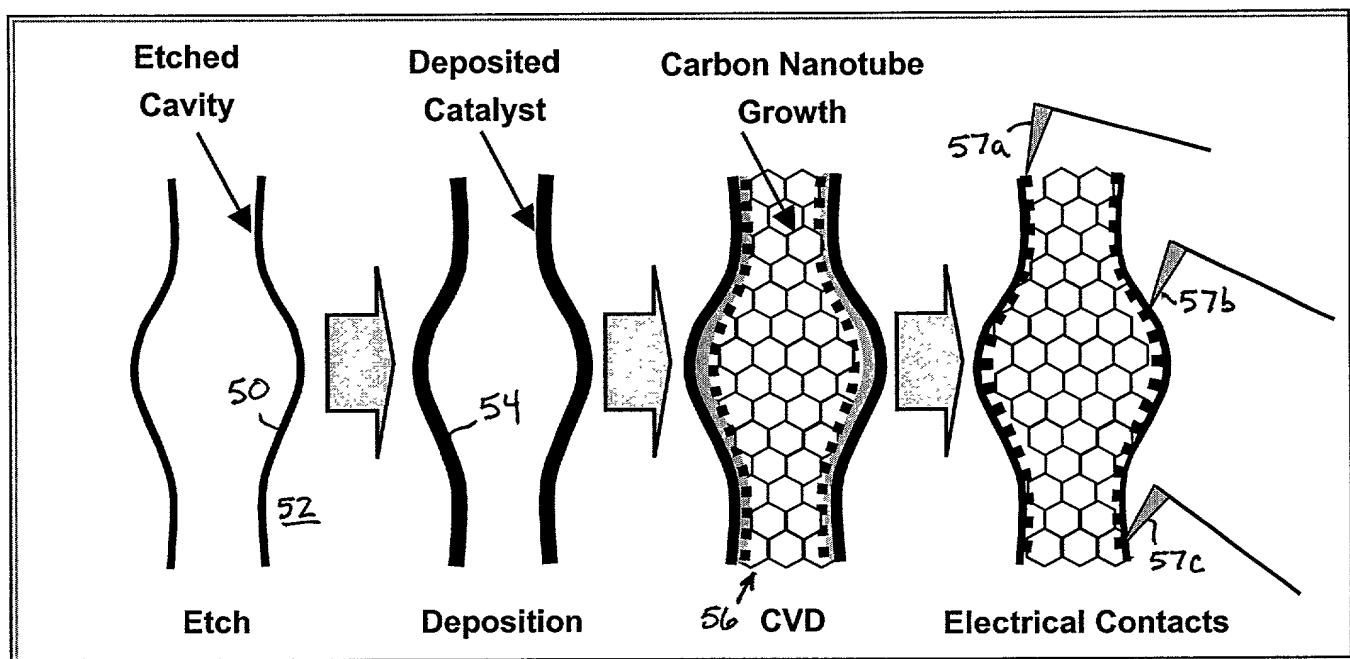
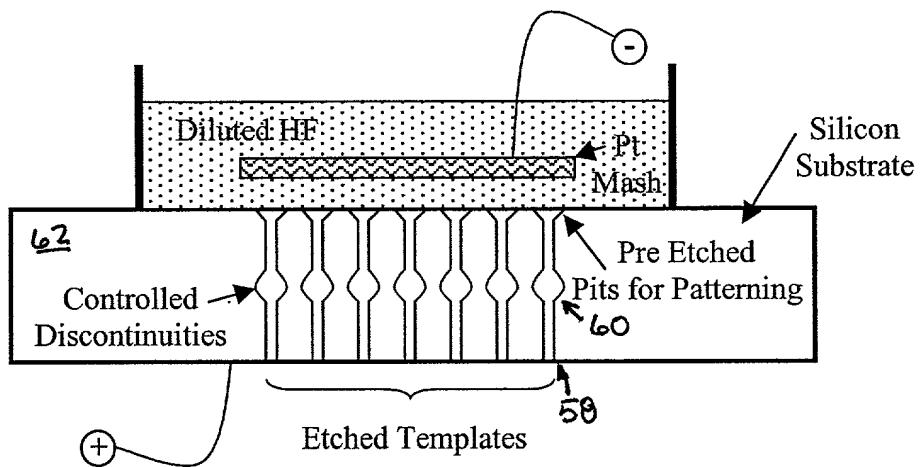
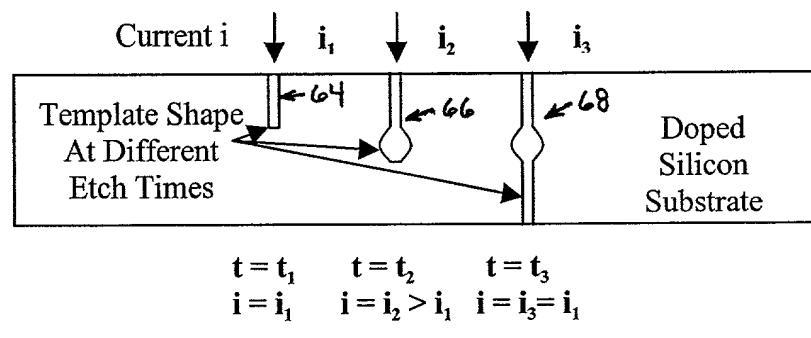


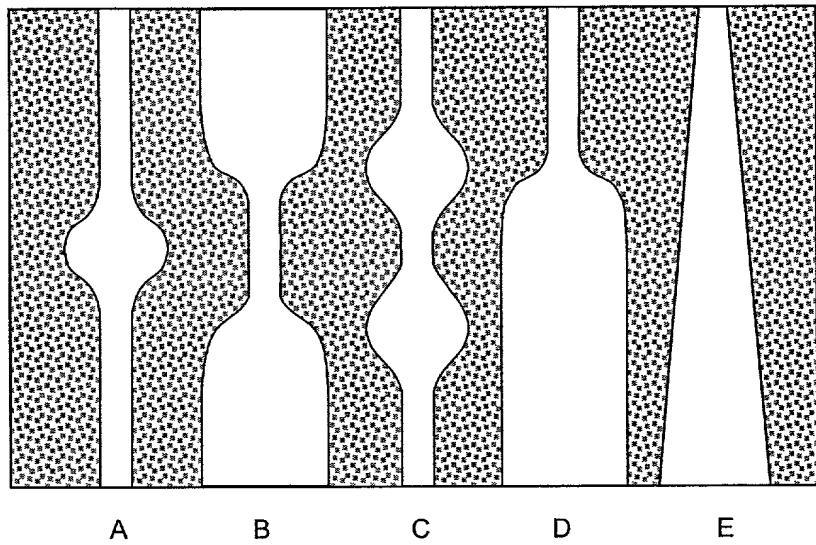
Figure 3



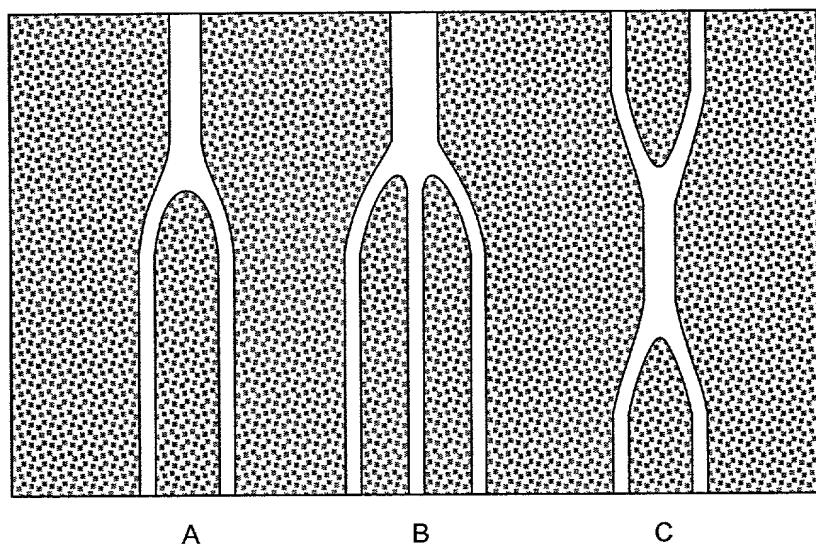
**Figure 4**



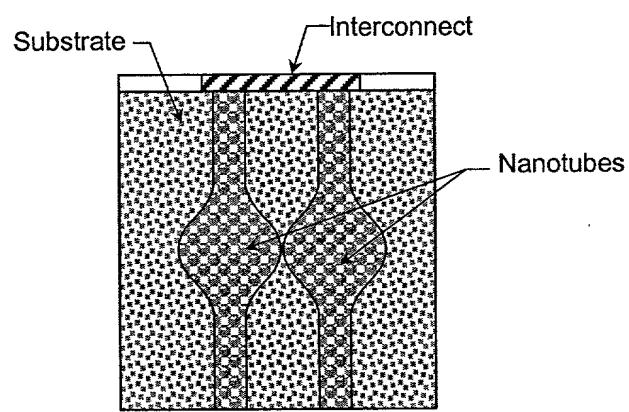
**Figure 5**



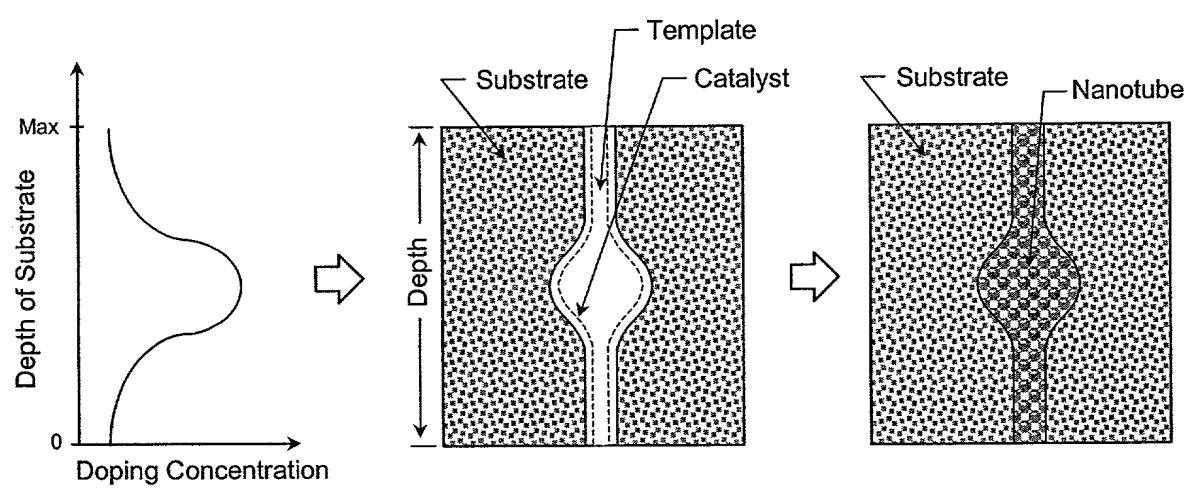
**Figure 6**



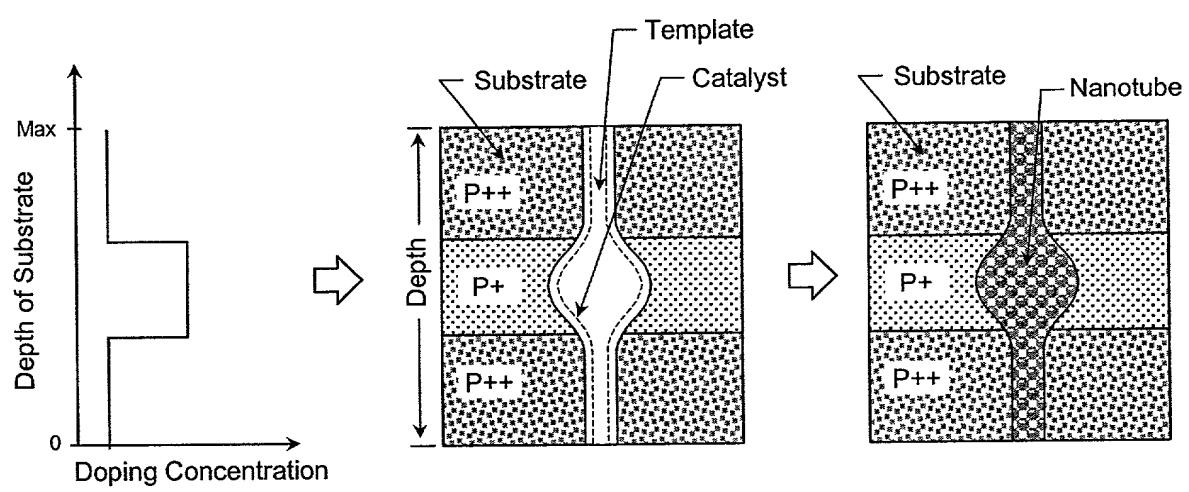
**Figure 7**

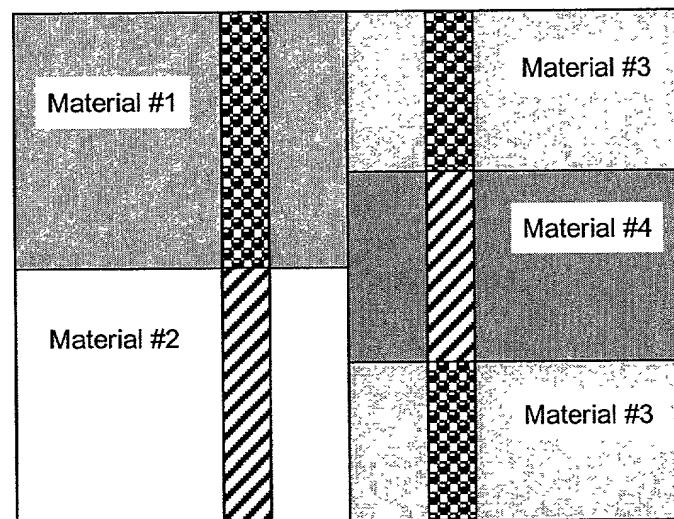


**Figure 8**

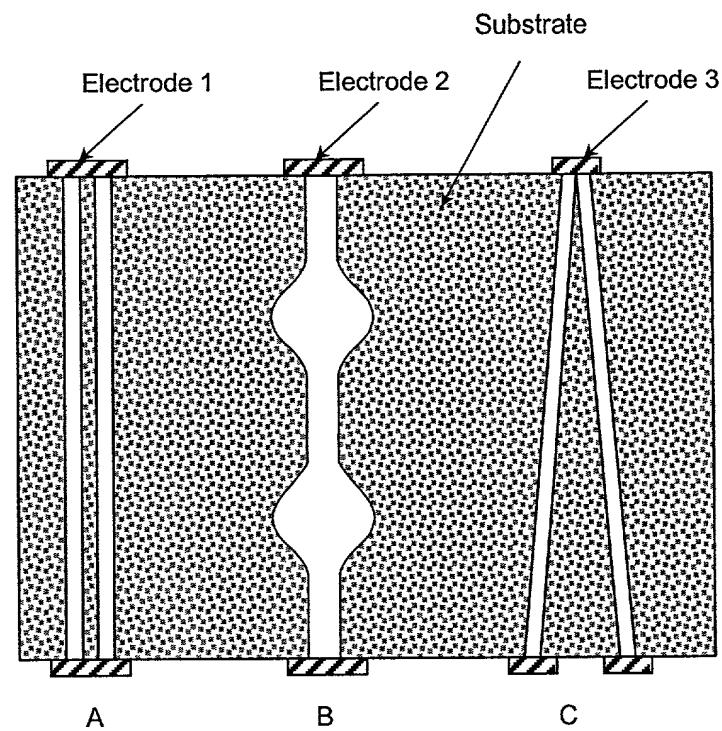


**Figure 9**

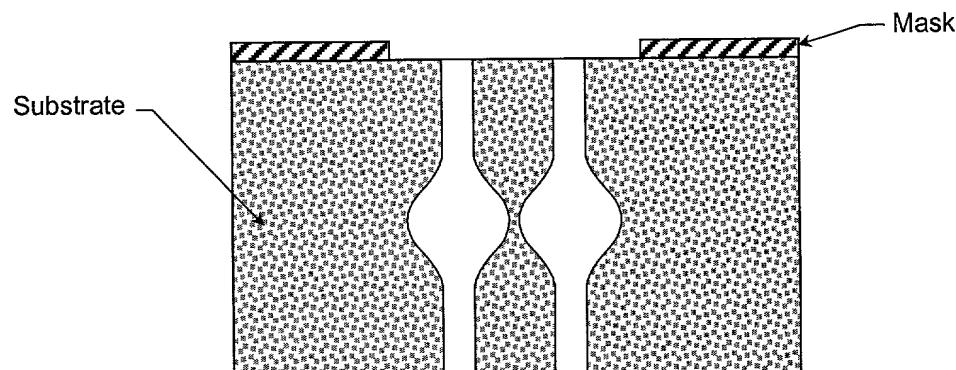




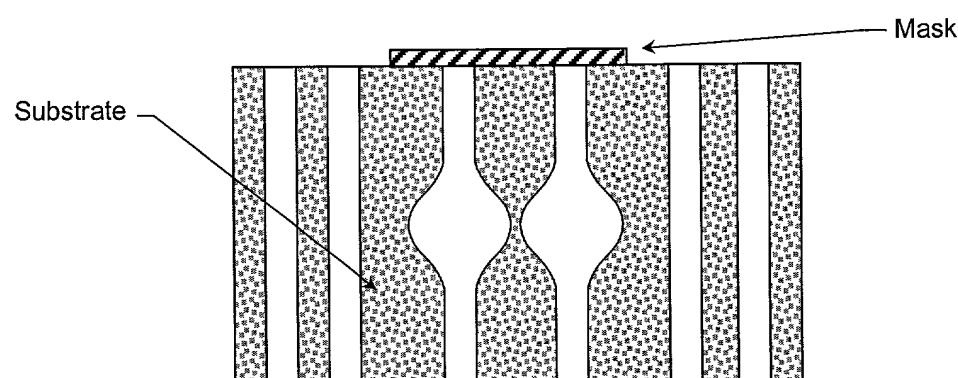
**Figure 11**



**Figure 12**



A



B

**Figure 13**